The Focus Group on Environmental Efficiency for Artificial Intelligence and other Emerging Technologies (FG-AI4EE) is looking for your expertise!

JOIN FG-AI4EE TO MEET AND SHARE KNOWLEDGE WITH LIKE-MINDED EXPERTS!

The objective of FG-AI4EE is to identify the standardization needs to develop a sustainable approach to AI and other emerging technologies. It will develop Technical Reports and Specifications that provide guidance on how to operate emerging technologies in an environmentally efficient manner and using them to achieve the SDGs through three Working Groups:

1) Requirements of AI and other Emerging Technologies to Ensure Environmental Efficiency;
2) Assessment and Measurement of the Environmental Efficiency of AI and Emerging Technologies; and
3) Implementation Guidelines of AI and Emerging Technologies for Environmental Efficiency.

Who should join?
If you are a
▪ Emerging tech. expert
▪ Policymaker, Urban planner
▪ Researcher
Or any other interested stakeholder. We warmly encourage you to join us!

Management team
The Co-Chairmen of FG-AI4EE
▪ Paolo Gemma (Huawei Technologies Co., Ltd., China)
▪ Neil Sahota (IBM, University of California)

Key information
The work of FG-AI4EE will be conducted mainly through e-meetings and the FG-AI4EE’s SharePoint collaboration webpage. All content will be compiled and published by FG-AI4EE. Participation is strictly on a voluntary basis and is of non-remunerated nature.

How to get involved
Applicants will need to confirm the following:
▪ Knowledge Sharing: Applicants must be willing to share information and expertise and contribute actively to the selected deliverables.
▪ Transparency: Applicants must agree to publish their names along with their professional capacity (e.g. consultant, scientist, researcher), country of residence and email address on the FG-AI4EE collaboration site. Applicants are required to register to the FG-AI4EE website and mailing list in order to take part of the work of this Focus Group.

Click here to submit your application today!

IN THE SPOTLIGHT
Latest reports and publications on environment and climate change are available at: www.itu.int/climate

Frontier technologies to protect the environment and tackle climate change

This report spotlights eight key emerging technologies, each with the potential to be instrumental in tackling climate change: artificial intelligence (AI), Internet of Things (IoT), 5G, clean energy technology, digital twin, robotics, Space 2.0 technologies, as well as digitalization and Big Data.

Turning digital technology innovation into climate action

The report on “Turning Digital Technology Innovation Into Climate Action” calls for the responsible use and uptake of ICTs, as well as the use of global ICT standards and best practices, the mainstreaming of eco-design principles and environmentally efficient applications of frontier technologies to help accelerate the response to climate change.

About ITU
The International Telecommunication Union (ITU) is the United Nations specialized agency in ICTs. Through its ITU-T Study Group 5: Environment, Climate Change and Circular Economy, ITU develops international standards (i.e. ITU-T Recommendations) that provides standardized methodologies for evaluating ICT effects on climate change and guidelines for using ICTs in an eco-friendly way. Under its environmental mandate SG5 is also responsible for studying design methodologies to reduce the adverse environmental effects of ICTs and e-waste.

For more information please contact us at tsbfgai4ee@itu.int or visit: https://www.itu.int/en/ITU-T/focusgroups/ai4ee/Pages/default.aspx